



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 8869

SERIAL NUMBER 10/620,925	FILING DATE 07/16/2003 RULE	CLASS 239	GROUP ART UNIT 3752	ATTORNEY DOCKET NO. P05703US01
-----------------------------	-----------------------------------	--------------	------------------------	--------------------------------------

APPLICANTS

H. Mark Hanna, Urbandale, IA;

Paul M. Boyd, Glenwood, IA;

** CONTINUING DATA *****

This appln claims benefit of 60/396,763 07/17/2002 ✓ *14/16 14/18/04*

** FOREIGN APPLICATIONS *****

NONE 14/16 14/18/04

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 10/17/2003

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature <i>James L. Hanna</i> <i>14/16 14/18/04</i>	Initials <i>HLH</i>	IA	12	44	3

ADDRESS

22885
 MCKEE, VOORHEES & SEASE, P.L.C.
 801 GRAND AVENUE
 SUITE 3200
 DES MOINES , IA
 50309-2721

TITLE

Apparatus and method for reducing anhydrous ammonia application by optimizing distribution

FILING FEE	FEES: Authority has been given in Paper. No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time)